

Notations in the table.

- B — blend with another DIB;
- b — blend with a stellar feature;
- c — certain;
- d — measured by deblending;
- n — new;
- p — possible;
- w — weak;
- “-” — not measured though visible.

Columns in the table.

- DIB — the rounded integer of the λ_c (central wavelength).
- λ_c — central wavelength.
- FWHM — full width at the half maximum.
- EW — equivalent width.
- δEW — minimum 1σ error estimate for EW.

Marked on the HD23180 and HD24398 plots are:

- I. HD23180 MAESTRO 2004-03-08
HD23180 MAESTRO 2001-(08-10)
- II. HD24398 MAESTRO 2004-03-08
HD24398 MAESTRO 2001-(08-10)

Table 1: MAESTRO: HD23180 vs HD24398.

DIB	HD23180					HD24398				
	λ_c	FWHM	EW	δEW	note	λ_c	FWHM	EW	δEW	note
4364	4363.76	0.58	3.4	0.2	c	-	-	-	-	-
4669	4668.70	0.90	5.5	0.4	p	-	-	-	-	-
4680	4680.23	0.60	4.3	0.2	p	-	-	-	-	-
4683	4683.03	0.38	5.4	0.2	c	4683.09	0.67	9.4	0.4	c
4689	4688.86	0.43	1.6	0.2	pw	4688.86	0.55	1.7	0.3	pw
4735	4734.86	0.59	6.5	0.4	pb CII	-	-	-	-	-
4763	4762.54	0.64	4.8	0.2	c	-	-	-	-	-
4772	-	-	-	-	-	4772.14	1.22	6.8	0.4	p
4818	4817.82	1.23	8.7	0.3	pb ZnIII	-	-	-	-	-
4947	4947.24	0.98	4.1	0.4	p	-	-	-	-	-
4951	4951.04	0.39	3.5	0.2	pbw FeIII	4951.06	0.46	1.8	0.2	pw
4962	4961.87	0.90	2.9	0.3	c	-	-	-	-	-
4964	4963.87	0.63	15.3	0.3	c	4963.88	0.62	8.0	0.3	c
4966	4966.03	0.60	2.4	0.3	cw	-	-	-	-	-
4978	4977.90	0.56	3.3	0.4	p	-	-	-	-	-
4980	4979.61	0.49	2.1	0.2	cw	-	-	-	-	-
4985	4984.77	0.54	10.5	0.5	cbd FeII	4984.78	0.42	5.2	0.2	c
5028	5027.54	0.54	1.8	0.2	p	5027.57	0.44	2.2	0.2	p
5061	5061.46	0.46	5.1	0.3	c	-	-	-	-	-
5075	5074.51	0.35	5.8	0.3	pb NII+FeIII	-	-	-	-	-
5170	5170.48	0.44	4.6	0.2	c	5170.39	0.35	6.3	0.8	pb NiIII
5176	5175.99	0.53	5.9	0.3	c	5176.03	0.37	3.7	0.4	c
5304	5304.25	0.60	5.6	0.3	pb FeIII	-	-	-	-	-
5391	-	-	-	-	-	5390.71	0.48	2.5	0.2	pw
5405	5404.61	0.37	1.8	0.3	pb NeII+SiII	5404.56	0.80	3.2	0.3	c
5419	5418.85	0.58	8.5	0.5	c	5418.91	0.62	9.5	0.5	c
5424	5424.28	1.86	7.9	0.4	pb FeIII	-	-	-	-	-
5457	5456.80	0.37	1.2	0.1	pb FeIII	5456.81	0.61	3.2	0.4	pb FeIII
5464	5464.32	0.97	6.6	0.6	cbd	-	-	-	-	-
5494	5494.07	0.44	6.4	0.2	c	5493.99	0.40	4.7	0.4	pw
5506	5506.08	0.64	2.6	0.4	c	-	-	-	-	pw-
5508	5508.17	1.16	5.4	0.5	p	5508.27	0.97	4.4	0.3	p
5513	5512.67	0.47	8.1	0.2	c	5512.67	0.42	4.8	0.2	c
5542	5541.80	0.78	11.9	0.4	cbd NiII	5541.82	0.64	5.6	0.4	cbd SiII+NiII
5545	5545.01	0.92	17.1	0.5	cBbd FeII	5544.99	0.77	10.6	0.3	c
5546	5546.47	0.61	7.5	0.7	cBd	5546.43	0.42	2.8	0.2	c
5547	5547.40	0.64	2.2	0.5	cBd	5547.40	0.22	0.8	0.2	cw
5551	5551.10	0.64	2.5	0.2	p	-	-	-	-	pw-
5554	5553.99	0.40	1.5	0.2	cw	-	-	-	-	-
5569	5568.79	0.67	2.0	0.2	p	-	-	-	-	-
5581	5580.79	0.37	1.5	0.2	pw	5580.85	0.82	4.1	0.4	pb
5586	5585.79	1.12	4.1	0.3	p	-	-	-	-	-
5592	5591.92	0.49	3.7	0.3	p	5591.83	0.69	4.4	0.4	p
5595	5594.56	0.44	4.1	0.4	cw	-	-	-	-	-
5645	5645.43	0.40	2.0	0.2	pw	-	-	-	-	-
5706	5706.48	0.40	2.1	0.1	p	-	-	-	-	-
5708	5707.86	0.52	2.1	0.2	p	5707.72	0.47	3.0	0.3	p
5756	-	-	-	-	-	5756.16	0.69	8.4	1.3	pb FeIII
5763	5762.69	0.42	3.2	0.2	c	5762.73	0.55	4.7	0.2	c
5766	5766.13	0.64	5.4	0.3	c	5766.22	0.74	5.6	0.4	pb NII
5769	5769.04	0.43	3.1	0.2	c	5769.04	0.42	4.3	0.3	c
5770	5769.99	0.81	3.0	0.3	p	-	-	-	-	-
5785	5785.01	0.88	4.6	0.3	pw	5785.09	1.00	4.1	0.3	c
5793	5793.23	0.92	5.3	0.3	p	5793.19	0.83	5.5	0.2	c
5795	5795.10	0.67	3.6	0.3	p	5795.06	0.87	3.2	0.3	p
5797	5797.02	0.68	73.0	0.5	c	5796.99	0.53	67.6	0.7	c

Table 1: (continued)

DIB	HD23180					HD24398				
	λ_c	FWHM	EW	δ EW	note	λ_c	FWHM	EW	δ EW	note
5814	5814.26	0.45	1.5	0.2	p	5814.24	0.42	3.8	0.4	c
5816	5815.64	0.67	7.0	0.3	pb	—	—	—	—	—
5819	5818.78	0.52	2.3	0.2	c	5818.81	0.65	3.9	0.3	p
5821	5821.15	0.63	3.3	0.3	p	5821.31	0.73	4.2	0.3	p
5829	5828.50	0.67	6.3	0.3	p	5828.49	0.63	4.1	0.4	p
5850	5849.81	0.77	37.8	0.3	c	5849.76	0.76	23.2	0.3	c
5856	5855.57	0.87	8.0	0.2	pb FeIII	5855.44	0.74	3.3	0.3	pb FeIII
5866	5866.46	1.11	3.8	0.2	p	—	—	—	—	—
5885	5885.35	0.61	3.6	0.2	p	—	—	—	—	—
5911	5910.51	0.47	5.3	0.3	c	5910.66	0.82	8.6	0.4	p
5922	5922.30	0.67	6.6	0.5	cb FeIII	5922.40	0.48	1.7	0.4	pBd
5923	5923.34	0.68	6.8	0.5	pb FeIII	5923.37	0.66	6.3	0.4	pBd
5926	5925.66	1.10	4.6	0.5	pb CrIII	5925.52	0.57	2.5	0.4	pb CrIII
5945	5945.46	0.67	3.1	0.2	pb NeI	—	—	—	—	—
5947	—	—	—	—	pw-	5947.30	0.48	3.2	0.2	pw
5949	5948.87	0.42	2.9	0.2	c	5948.91	0.34	2.2	0.1	pw
5988	5988.03	0.52	2.7	0.2	pb NeI+FeIII	—	—	—	—	—
6020	6019.61	1.00	5.3	0.4	p	—	—	—	—	—
6037	—	—	—	—	—	6037.48	1.01	6.7	0.6	pb FeIII
6065	6065.21	1.09	4.5	0.4	c	6065.26	0.46	3.0	0.2	c
6090	6089.80	0.50	7.9	0.2	c	6089.81	0.54	13.1	0.3	c
6108	6107.99	1.71	10.8	0.6	p	6108.04	0.65	5.6	0.6	cbd
6110	—	—	—	—	—	6109.97	0.55	3.4	0.3	p
6140	6139.91	0.63	6.2	0.3	c	6139.94	0.48	4.9	0.2	c
6162	6161.85	0.46	4.1	0.3	c	6161.80	0.47	3.5	0.3	c
6163	6163.43	0.72	4.0	0.3	pb NeI	6163.47	0.81	7.9	0.4	pb NeI
6195	—	—	—	—	pw-	6194.73	0.42	2.9	0.2	cw
6196	6195.95	0.39	13.5	0.3	c	6195.95	0.37	14.6	0.2	c
6203	6203.03	1.13	17.0	0.9	cBd	6203.15	1.93	39.7	2.3	cBd
6204	6204.41	3.61	15.6	2.1	cBd	6204.83	3.13	13.1	2.0	cBd
6212	6211.65	0.54	2.1	0.2	c	6211.69	0.50	3.0	0.2	c
6213	—	—	—	—	pw-	6212.97	0.62	2.5	0.3	c
6223	6223.27	0.79	3.9	0.5	cw	6223.25	0.62	5.6	0.4	pbD
6234	6233.98	0.50	5.2	0.2	c	6233.96	0.50	5.0	0.3	c
6251	6250.93	0.34	2.0	0.2	cw	—	—	—	—	—
6252	6252.37	0.66	3.2	0.3	cw	—	—	—	—	—
6270	6269.87	0.96	8.3	0.4	c	—	—	—	—	—
6276	—	—	—	—	—	6275.56	0.65	2.6	0.3	p
6282	6281.72	0.45	2.4	0.3	cw	6281.74	0.39	2.3	0.2	c
6288	6287.55	0.55	5.9	0.4	c	6287.54	0.50	5.5	0.3	c
6325	6324.94	0.64	2.7	0.4	c	6324.86	1.28	13.9	0.7	pb FeIII
6330	6330.07	0.48	3.1	0.3	pw	6330.04	0.47	3.3	0.4	pw
6353	6352.94	1.00	4.1	0.4	pw	6353.07	1.08	4.4	0.3	p
6355	6355.31	0.33	1.3	0.3	pb	6355.43	0.82	2.5	0.3	p
6358	6358.33	0.57	2.4	0.3	pbw NII	—	—	—	—	—
6362	6362.39	0.34	1.4	0.2	cw	—	—	—	—	—
6367	6367.30	0.32	4.3	0.3	c	6367.30	0.42	7.4	0.5	cb NII
6376	6375.90	0.56	11.2	1.5	pBd	6376.02	0.60	9.0	0.6	c
6377	6376.80	1.14	14.8	2.6	cBd	—	—	—	—	—
6379	6379.22	0.60	49.4	0.5	c	6379.26	0.54	45.9	0.4	cb NII
6397	6396.72	0.92	9.6	0.4	p	6396.84	1.22	16.7	0.5	pb NiII
6410	6410.07	0.50	3.7	0.4	pw	—	—	—	—	—
6426	6425.70	0.53	2.4	0.2	pw	6425.69	0.47	3.2	0.2	c
6439	6439.42	0.78	9.5	0.3	c	6439.44	0.83	6.6	0.3	c
6445	6445.25	0.37	6.4	0.3	c	6445.22	0.27	7.1	0.4	c
6449	6449.17	0.59	5.9	0.3	c	6449.21	0.65	6.5	0.3	c
6456	6456.07	0.78	2.7	0.3	p	—	—	—	—	—
6464	—	—	—	—	—	6463.84	1.13	5.5	0.4	p
6467	—	—	—	—	—	6466.83	0.82	8.4	0.7	c
6469	6468.77	0.58	3.1	0.4	c	—	—	—	—	—
6474	6474.18	0.38	1.8	0.2	p	6474.21	0.32	4.4	0.3	p
6521	6520.52	0.75	4.5	0.3	p	—	—	—	—	—
6523	6523.39	0.55	2.6	0.2	p	—	—	—	—	—
6537	6536.57	0.94	5.0	0.3	p	—	—	—	—	—
6543	6543.06	0.25	2.7	0.3	pw	—	—	—	—	—
6554	6553.86	0.51	4.6	0.3	c	6553.86	0.39	5.4	0.4	c
6597	6597.32	0.47	2.3	0.2	p	6597.31	0.52	3.2	0.2	p
6600	6599.85	0.50	2.7	0.2	p	6599.93	0.36	1.7	0.2	c
6614	6613.55	0.94	56.6	0.8	c	6613.56	0.92	58.5	0.7	c
6623	6622.68	0.32	2.1	0.2	pw-	—	—	—	—	—

Table 1: (continued)

DIB	HD23180					HD24398				
	λ_c	FWHM	EW	δ EW	note	λ_c	FWHM	EW	δ EW	note
6631	6630.81	0.57	4.2	0.6	pbd	6630.89	0.60	3.7	0.4	p
6646	—	—	—	—	—	6645.94	0.57	3.6	0.6	cw
6672	6672.22	0.53	5.5	0.3	c	6672.21	0.61	6.9	0.4	c
6694	6694.45	0.67	2.9	0.3	c	—	—	—	—	—
6699	6699.24	0.60	4.3	0.4	p	6699.30	0.54	5.8	0.3	c
6702	6701.96	0.72	16.3	0.9	pbd SiIV	6702.01	0.83	29.7	1.5	cbd SiIV
6729	6729.25	0.39	11.3	0.5	pbd	6729.27	0.52	3.8	0.3	c
6765	—	—	—	—	—	6765.47	0.83	3.1	0.4	c
6795	6795.10	0.35	2.4	0.4	pw	—	—	—	—	—
6802	6801.54	0.98	8.8	0.5	p	—	—	—	—	—
6993	6993.02	0.86	13.5	0.5	c	6993.08	0.76	17.9	0.6	c
7046	—	—	—	—	—	7045.84	1.27	5.6	0.5	c
7224	7223.94	0.94	22.9	0.8	c	7223.95	0.81	34.8	0.5	c
7367	7367.14	0.41	6.8	0.7	c	7367.23	0.64	10.9	0.6	p
7495	7494.91	0.50	7.3	0.7	p	7494.95	0.56	9.2	0.6	c
7562	7562.27	0.66	3.7	0.4	pw	7562.28	0.83	6.7	0.5	p
8026	—	—	—	—	—	8026.17	0.43	3.4	0.3	p